

Serial Nr.: 10/779,347  
Art Unit: 2875

04121-URS

AMENDMENTS TO THE SPECIFICATION:

Pages 1-2, amend paragraph [0004] as:

[0004] The primary object of the present invention is to provide a multi-functional light bulb. In addition to illumination, the present invention provides functions including timed illumination, luminance control and color changes. The present invention includes a light bulb head, a case, an electronic control board, an LED unit and a light bulb cover. The light bulb head, the case and the bulb cover are engaged together to form an enclosing space to house the electronic control board and the LED unit. The parts are electrically connected by ~~conductive~~ a conductive wire. The light bulb head of the present invention has the shape of a conventional light bulb and therefore, the present invention can be used to replace the conventional light bulb used in the current lighting apparatus.

Page 4, amend paragraph [0022] as:

[0022] Light bulb cover 5 is to protect LED unit 4 and its internal circuit. It is also used to make uniformize the light from LED unit 4 uniform. Therefore, light bulb cover 5 is a hollow cover that provides an enclosed space to house electronic control board 3 and LED unit 4. Light bulb cover 5 has an open hole 51, which has the size to match the inner rim of bottom hole 22 of case 2. Light bulb cover 5 may have the shape of a sphere, a screw, or 3U, as shown in figures 4, 5, and 6. Case 2 and light bulb cover 5 can be screwed together or engaged together using other engaging methods.

Pages 5-6, amend paragraph [0029] as:

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[0029] (2) Luminance control: the electronic control board of the present invention has the luminance control function to control the LED by either controlling the electrical current when a single LED is used or the number of LEDs on when a plurality of LEDs are used. Similarly, the switch can be flipped successively to set the electronic control board to turn turning on a pre-set number of LEDs or to a preset electrical current.

Page 6, amend paragraph [0031] as:

[0031] While the invention has been described in connection with what is presently considered to be the most practical and preferred embodiment, it is to be understood that the invention is not to be limited to the disclosed embodiment, but, on the contrary, it should be clear to those skilled in the art that the description of the embodiment is intended to cover various modifications and equivalent arrangement included within the spirit and scope of the appended claims.